

## CLAIMS

What is claimed is:

1. A computer-implemented method for automatically presenting relationship  
5 information between a first table and a second table of a database, comprising:  
ascertaining an existence of a first foreign key relationship between said  
first table and said second table;  
if said first foreign key relationship between said first table and said second  
table exists, automatically generating first executable codes to obtain, for a first given  
10 record in said first table, a first number of records in said second table that references  
said first given record; and  
when said first given record is displayed in a view, also displaying said first  
number of records in said second table that references said first given record .
- 15 2. The computer-implemented method of claim 1 wherein said first number of  
records in said second table that references said first given record is implemented as a  
hyperlink.
3. The computer-implemented method of claim 1 further comprising:  
20 upon detecting an activation of said hyperlink, perform the following steps:  
a) ascertaining from a third table detailed information pertaining to a first  
plurality of records, said first plurality of records representing records that, according  
to said second table, are associated with said first given record; and  
b) displaying said detailed information.
- 25 4. The computer-implemented method of claim 3 further comprising:  
ascertaining an existence of a second foreign key relationship between said  
third table and another table of said database;  
if said second foreign key relationship exists, automatically generating  
30 second executable codes to obtain, for a second given record in said third table, a

second number of records in said another table that references said second given record; and

when said second given record is displayed, also displaying said second number of records in said another table that references said second given record.

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5. The computer-implemented method of claim 4 wherein said second number of records in said another table that references said second given record is implemented as a hyperlink.

10 6. The computer-implemented method of claim 4 further comprising:

ascertaining an existence of a third foreign key relationship between said third table and a fourth table of said database;

15 if said third foreign key relationship exists, automatically generating third executable codes to obtain, for said second given record in said third table, a third number of records in said fourth table that references said second given record; and

when said second given record is displayed, also displaying said third number of records in said fourth table that references said second given record.

20 7. The computer-implemented method of claim 6 wherein said second number of records and said third number of records are displayed in two separate columns when said second given record is displayed.